

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 91-181

WASTE DISCHARGE REQUIREMENTS FOR:

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION,
SAMUEL P. TAYLOR STATE PARK,
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter Board) finds that:

1. The California Department of Parks and Recreation (the discharger) submitted a Report of Waste Discharge dated March 29, 1985 for the discharge of domestic wastewater from Samuel P. Taylor State Park. Waste Discharge Requirements were issued on July 17, 1985.
2. The discharger operates wastewater collection, treatment, and disposal facilities at Taylor State Park. The park is located in western Marin County roughly between the unincorporated towns of Lagunitas and Olema. Domestic sewage is generated from residences for park employees, overnight campers and day use visitors. Sewage volumes range from an average of 2000 gallons per day during the winter, to peak flows of 45,000 gallons per day during the summer months.
3. Wastewater facilities consist of a collection system (with two pump stations), a treatment plant at the western park boundary, and a leachfield. The major process treatment units include, a primary sedimentation tank, a trickling filter, a secondary sedimentation tank, and two effluent pumps that transport the treated effluent to the leachfield. The treatment plant has a design capacity of 80,000 gallons per day (GPD). The treatment plant is located less than 300 feet upslope from Lagunitas Creek, waters of the State.
4. The dual leachfield covers approximately one acre and has a design capacity of 80,000 gallons per day. The leachfield site is located about 1000 feet northwest of the treatment plant on flatter ground further uphill (see attachment A). The site is just outside the park boundaries on federal land managed by the Point Reyes National Seashore.
5. The spray disposal field which was used prior to installation of the leachfield, can be used on an emergency basis.
6. Pump station #1 does not currently have back-up power or an alarm system. The

- discharger has recently purchased a standby generator for use at this station #1
7. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin on December 17, 1986. The Basin Plan prohibits the discharge of wastewater with particular constituents of concern to beneficial uses, into non-tidal waters, such as Lagunitas Creek, and to Tomales Bay. The Basin Plan also requires that existing groundwater quality be maintained unless otherwise provided by the State Board. The Basin Plan contains water quality objectives for Lagunitas Creek and Tomales Bay.
 8. The beneficial uses of Lagunitas Creek and Tomales Bay are:
 - A. Water contact and non-contact recreation (both)
 - C. Ocean Commercial and sport fishing (bay)
 - D. Wildlife habitat (both)
 - E. Preservation of rare and endangered species (both)
 - F. Marine habitat (bay)
 - G. Fish migration (both)
 - H. Fish spawning (both)
 - I. Shellfish harvesting (bay)
 - J. Agricultural Supply (creek)
 - K. Warm and Cold Freshwater Habitat (creek).
 9. The discharger is currently subject to Waste Discharge Requirements contained in Order 85-90, adopted by the Board on July 31, 1985.
 10. Adoption of revised waste discharge requirements is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 2100 et. seq.) pursuant to Section 13389 of the California Water Code.
 11. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with the opportunity for a public hearing and an opportunity to submit their written views and recommendations.
 12. The Board, in a properly-noticed public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the California Department of Parks and Recreation, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The disposal of waste shall not cause degradation of ground or surface water suitable for domestic water supply or cause an increase in any water quality

parameter that would impair beneficial uses of said waters.

3. Effluent from the sewage treatment plant shall meet the following limits:

<u>Parameter</u>	<u>Limit</u>
BOD (5-day) - average	60 mg/l
Settleable matter maximum	0.5 ml/l-hr

B. Prohibitions

1. Wastewater shall not be discharged to waters of the State, via either surface flow or surfacing after percolation. Wastewater shall not surface in the leach field.
2. The discharge of waste other than domestic wastes is prohibited.
3. The volume of wastewater discharged to the spray disposal field or the leachfield shall not exceed 80,000 gallons per day (daily maximum), nor 40,000 gallons per day (monthly average).

C. Provisions

1. The discharger shall comply with the following schedule:

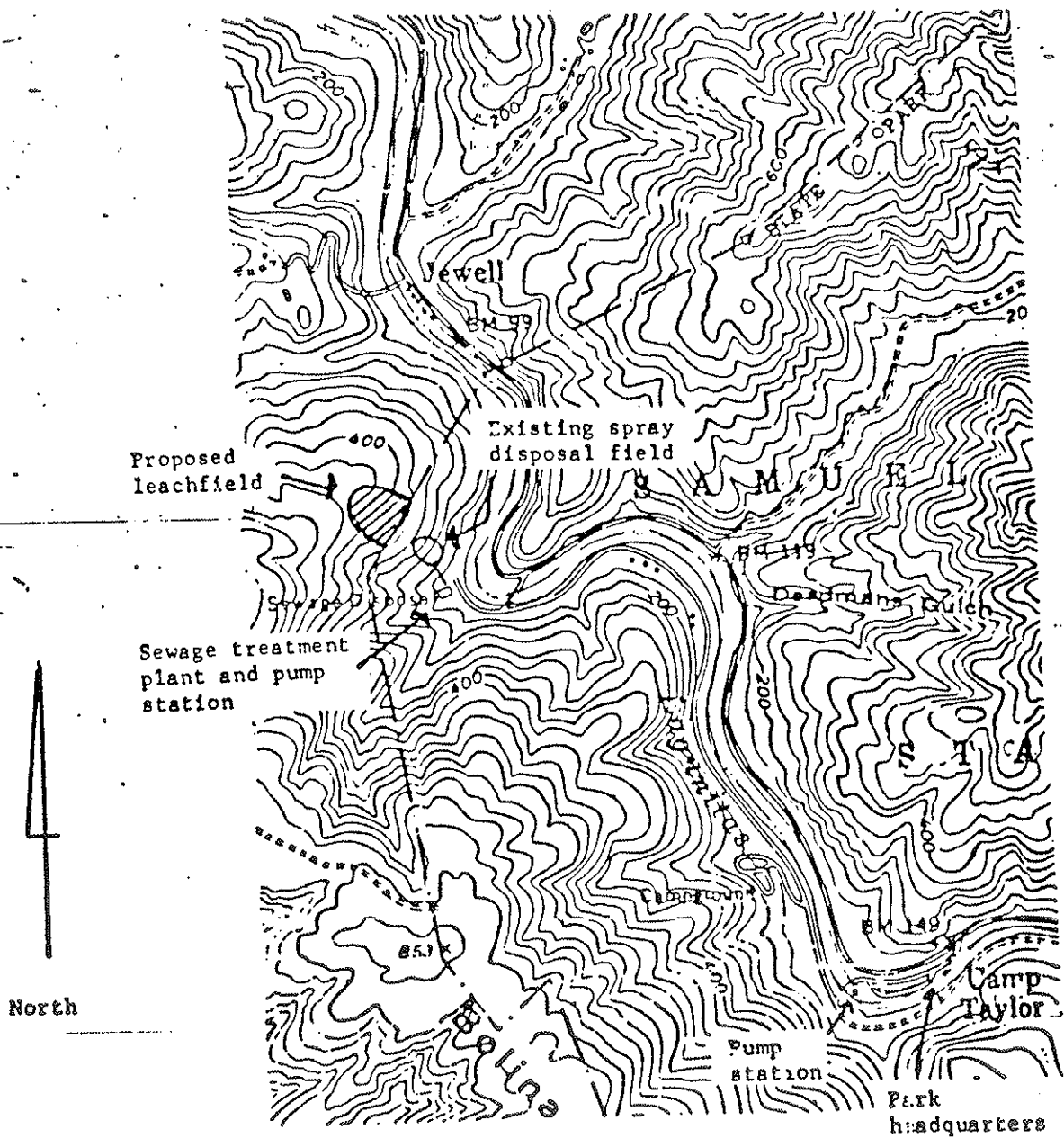
<u>TASK</u>	<u>DEADLINE</u>
a. Submit a report detailing the spill prevention measures at the facility. Include a description of the alarm system and power supply at each pump station and treatment facility. Where the current system is inadequate to prevent spills, propose remedies with a time schedule. This schedule must be approved by the Executive Officer in writing.	June 1, 1992

2. Fail-safe treatment shall be provided, including backup power facilities as needed, to assure continuous compliance with these requirements.
3. The discharger shall employ a treatment plant operator with at least a Grade II certification to supervise operation of the wastewater treatment plant, or demonstrate to the Executive Officer's satisfaction that an equivalent level of supervision is being maintained.
4. The discharger may retain the spray disposal facilities for use in emergencies when all or some wastewater cannot be discharged to the leachfield.
5. This Order supersedes Order 85-90, which is hereby rescinded.
6. The discharger shall comply with the self-monitoring program and all items of the attached "Standard Provisions, Reporting Requirements and Definitions" dated December 1986 except Standard Provision Nos. A.5, A.6, A.7, B.2, and C.6.
7. The discharger shall file with the Regional Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

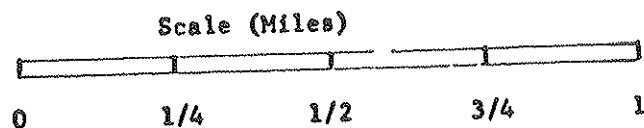
I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 12, 1991.


Steven R. Ritchie
Executive Officer

Attachments:
location map
self monitoring program



Samuel P. Taylor State Park



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION
SAMUEL P. TAYLOR PARK

MARIN COUNTY

ORDER NO. 91-181

CONSISTS OF

PART A

AND

PART B, STANDARD PROVISIONS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

PART A

I. **GENERAL**

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No #73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. **DESCRIPTION OF SAMPLING AND OBSERVATION STATIONS**

1. **Effluent**

Effluent from the treatment plant shall be sampled prior to disposal for the following parameters:

<u>Parameter</u>	<u>Sample Collection</u>
Flow (1)	Daily
BOD	Quarterly
Settleable matter	Monthly

(1) Both daily flow and monthly average (in gallons per day) shall be reported.

2. **Observations**

- a. The discharger shall make weekly observations of the treatment plant and its perimeter, recording plant operation and any odors (strength, source, and area affected).
- b. The discharger shall also make weekly observations of the disposal area. At the leachfield, the discharger shall record any evidence of surfacing wastewater and any odor (strength, area affected).
- c. If surfacing wastewater is observed at the leachfield, the discharger shall

take weekly grab samples for total coliform, fecal coliform, and fecal streptococci. A report of this observation and test results shall be made immediately to the Regional Board.

IV. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements

A report shall be made of any accidental spill of waste. Accidental spills shall be reported to this Regional Board by telephone immediately after it occurs (510)464-1255. The subsequent written report shall be filed within five (5) days and shall contain information relative to:

- a. Nature of waste or pollutant,
- b. Quantity involved,
- c. Cause of spilling,
- d. Estimated size of affected area,
- e. Nature of effects (i.e., fish kill, discoloration of receiving water, etc.), and
- f. Corrective measures that have been taken, or planned, and a schedule of these activities.

2. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned for correcting violations, such as plant operation modifications. Monitoring reports and the letter transmitting reports shall be signed by a responsible official. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct. If the report is included in a summary report of many California State Park facilities, then the cover letter should include an individual discussion of the compliance of each park facility.

b. Data Results

All results observed or analyzed in IIA-B, including dates and times of sampling and/or observations.


c.

Map

A map shall accompany the report showing sampling and observation station locations.

I, Steven R. Ritchie, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 86-50.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.


Steven R. Ritchie
Executive Officer

12/12/77

Attachment:
Standard Provisions